

# **EROSION CONTROL**

## **RECOMMENDED METHODS FOR STORM WATER PROTECTION**

### **Storm Water Pollution Prevention: It's Up To Us**

*In Weber County, storm water flows through storm drains directly to local creeks and rivers with*

#### **NO TREATMENT**

**Water quality can be affected by a number of natural elements as well as chemical elements introduced by humans.**

**What kind of contaminants might reach our rivers and streams?**

*Contaminants resulting from unwise landscaping practices such as over applying or over watering might include:*

*dirt, leaves, grass clippings, fertilizers, herbicides, and pesticides.*

*Chemicals from chemicals used in washing equipment, painting, cleaners, or construction debris.*

*Toxins such as oil or antifreeze that may leak from vehicles or heavy equipment.*

*Local recreation areas are affected by storm water contamination and can result in harmful situations for humans and wildlife. These areas include the Weber River, Ogden Middle & South Fork), Pineview Reservoir among others.*

## **WHAT CAN YOU DO?**

### **GENERAL PRACTICES!**

- *Schedule excavation and grading work for dry weather.!*
- *Perform major equipment repairs away from the job site.!*
- *When refueling or when vehicle/equipment maintenance must be done on site, designate a location away from storm drains or drainage ways.!*
- *Do not use diesel oil to lubricate equipment or parts.*

### **Storm Water Pollution from Construction Activities**

*Soil excavation and grading operations uncover and loosen large amounts of soil that can flow or blow into storm drains if handled improperly. These activities can be a major source of sediment and contaminants in storm water.*

*Recent regulations require construction activities that disturb five acres or more to obtain a UPDES storm water discharge permit from the State Division of Water Quality. Also required is the development and implementation of a Storm Water Pollution Prevention Plan. See the reverse side of this brochure for the Division's phone number.*

## **WHAT CAN YOU DO?**

### **DURING CONSTRUCTION!**

- *Remove existing vegetation only when absolutely necessary.!*
- *Consider planting temporary vegetation for erosion control on slopes or where construction is not immediately planned.!*
- *Protect downslope drainage courses, streams, and storm drains with hay bales or temporary drainage swales.!*
- *Use check dams or ditches to divert runoff around excavations.!*
- *Cover stockpiles and excavated soil with secured tarps or plastic sheeting.*
- *Re-vegetate and stabilize denuded areas as soon as possible.!*
- *Remove dirt and debris from sidewalks, gutters, and drainage structures.!*
- *Remove or stabilize stockpiled material.*